

VERSION WITH MARKINGS TO SHOW CHANGES MADE

1-26. (Canceled)

27. (Previously amended) The method of claim 34 including the step of providing as said liquid an aqueous solution.

28. (Previously amended) The method of claim 34 including the step of providing as said liquid a non-aqueous solution.

29. (Canceled)

30. (Currently amended) The method of claim ~~29~~ 34 including the step of providing as said thickener at least one member selected from the group consisting of a water dispersible cellulosic, an oil emulsion, a protein, and a water-soluble or water dispersible synthetic polymer.

31. (Previously amended) The method of claim 34 including the step of providing as said surfactant, a surfactant having a hydrophil / lipophil balance between about 4 and 17.

32. (Canceled)

33. (Previously amended) The method of claim 34 including the step of providing in said liquid a source of biocompatible cations in an amount that is safe and not toxic to non-insect species, said cations being selected from the group consisting of potassium, sodium, calcium, magnesium, water-soluble borate, zinc, $\text{Ca}(\text{OH})_2$ and copper.

34. (Currently further amended) A method of eradicating insects comprising the steps of, providing a liquid solution comprising at least one surfactant dissolved in said liquid,

said surfactant is selected from the group consisting of ~~non-ionic~~
~~surfactants~~, ethoxylated nonylphenol, an amphoteric ~~surfactants~~ surfactant, and cationic
~~surfactants comprising~~ sodium lauryl sulfate, sodium laureth sulfate, ~~ethoxylated nonylphenol~~,

polyalkylene oxide modified hepthmethyl-trisiloxane, and ~~eetrimonium~~ cetrimonium chloride,
providing a thickener in said solution for increasing the viscosity of said liquid
solution.

maintaining the solution substantially devoid of a nervous system inhibitor, an
insecticide or a surfactant or other substance that is toxic to non-insect species including higher
animals and humans or is harmful to the environment,

placing the liquid solution of the surfactant in a dispensing container,

providing an insect control apparatus for detecting the presence of an insect pest,

detecting the presence of an insect thereby,

expelling the solution as a spray or aerosol from said dispensing container onto the
insect through operation of the control apparatus acting responsive to the presence of the insect
thus detected by said control apparatus and

applying the spray or aerosol onto the surface of an insect pest whereby a film of the
solution thereon reduces the surface tension at the outer layer of the insect's chitinous
exoskeleton such that the solution coats out onto the insect blocking spiracles through which the
insect breathes sufficient to interfere with respiration thereby killing the insect solely by means
other than toxicity of said insecticide or other substance.

35. (Original) The method of claim 34 wherein the sound of the insect is detected.

36-39. (Canceled)